

Model:TMAM-075090-0613-12
**E-Band Active Multiplier
 X6,75-90 GHz ,14 dBm Output Power,**
Feature:

- Output Frequency:75-90GHz
- Output Power : 14dBm Typ
- Low power consumption

电气特性 Electrical:

| 参数Parameter | Min. | Typ. | Max. | 单位Units |
|-----------------------|------|------|------|---------|
| 输出频率 Output Frequency | 75 | | 90 | GHz |
| 输出功率 Output Power | 13 | 14 | | dBm |
| 输入频率 Input Frequency | 12.5 | | 15 | GHz |
| 输入功率 Input Power | 0 | 1.5 | 3 | dBm |
| 倍频次数 Multiply Factor | | 6 | | |
| 输入驻波 Input VSWR | | 2.0 | | :1 |
| 输出驻波 Output VSWR | | 2.2 | | :1 |
| 供电电压 DC Voltage | | +5.5 | | V |
| 供电电流DC Supply Current | | 250 | | mA |

机械特性 Mechanical :

| 参数Parameter | 指标 Value | 单位 Units |
|----------------------|----------------------------------|----------|
| 输出接口Output Connector | WR-12/UG-387/U | |
| 输入接口Input Connector | SMA Female | |
| 直流偏置 Bias | Solder Pin | |
| 尺寸 Size | 腔体主体: 58×35×24 含散热器: 58×47×40 | mm |



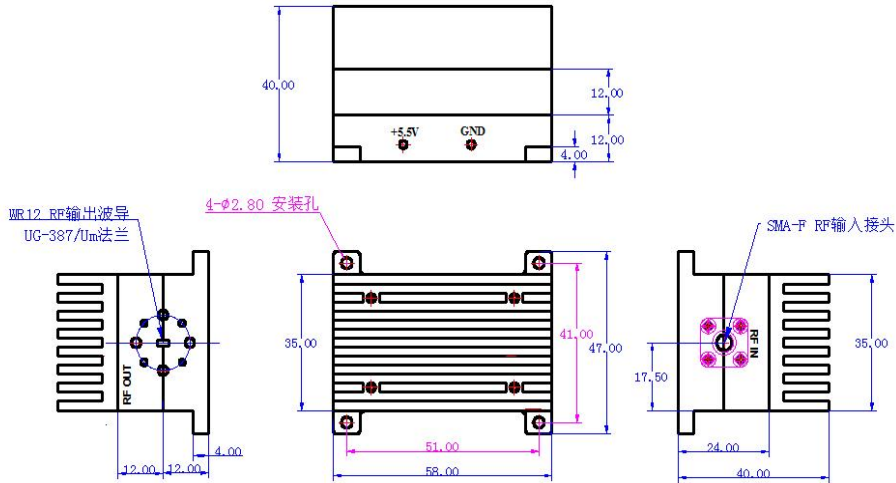
Available 220V System
 Benchtop Active
 Multiplier

绝对最大值 Absolute Maximum Ratings:

| 参数Parameter | 指标 Value |
|------------------------------|----------------------|
| 供电偏置电压 Supply Bias Voltage | TBD |
| 输入功率 RF INPUT POWER | 3dBm |
| ESD灵敏度 ESD sensitivity (HBm) | Class 0, passed 150V |

外形尺寸 Outline Drawing:

Unit: mm(Inches)



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

温度环境 Environmental Conditions:

| 参数Parameter | Min. | Typ. | Max. | 单位Units |
|------------------------------------|---|------|------|---------|
| 操作温度 Operating Temperature | -10 | | +65 | °C |
| 存储温度 Non-operating Temperature | -25 | | +75 | °C |
| 相对湿度 Relative humidity | | 95 | | % |
| 海拔 Altitude | 50000 | | | feet |
| 震动 Shock / Vibration(MIL-STD-810F) | 25g rms (15 degree 2KHz) endurance, 1 hour per axis | | | |
| 冲击 Shock(non operating) | 20G for 11msc half sin wave,3 axis both directions | | | |

订货信息 Ordering Information:

| 标准型号 Part Number | 描述 Description | 版本号Revision |
|---------------------|--|-------------|
| TMAM-075090-0613-12 | E-Band Active Multiplier X6, 75-90 GHz ,14 dBm Output Power,WR-12 | Rev.1.1 |